

## ECS Configuration Change Request

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Page(s)

<b>1. Originator</b> Cherry Kenney	<b>2. Log Date:</b> 2/26/02	<b>3. CCR #:</b> 02-0166	<b>4. Rev:</b> ?	<b>5. Tel:</b> 301-883-4177	<b>6. Rm #:</b> 3204d	<b>7. Dept.</b> SWIT/CO
<b>8. CCR Title:</b> Patch_6A05_TOOLKIT for All DAACs. Contains fix for NCR33344 - TOOLKIT: SSIT is getting an error						
<b>9. Originator Signature/Date</b> Cherry Kenney /s/ 2/26/02			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 26Feb02	
<b>13. Office Manager Signature/Date</b> Arthur Cohen /s/ 2/26/02			<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Emergency	
<b>16. Documentation/Drawings Impacted:</b>			<b>17. Schedule Impact:</b>	<b>18. CI(s) Affected:</b> TOOLKIT <b>19.</b> <b>20.</b>		
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> 26Feb02		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 33344						
<b>23. Problem: (use additional Sheets if necessary)</b> 33344 - TOOLKIT: SSIT is getting an error						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Deliver Patch_6A05_TOOLKIT to all DAACs. Patch can be loaded on top of Final 6A05 delivery.  DAACs please read special instructions before running PGEs.						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> Delay testing; wait until next full system delivery next week						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Delays in testing or possible delays in 6A.05 regression testing						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b> Needed for testing ASAP						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>	<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> Steve Fox /s/ 2/26/02		<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Debra Stepp /s/ 2/26/02		<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
<b>34. ECS CCB Chair (Sign/Date):</b>		<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

# ADDITIONAL SHEET

**CCR #:**                      **Rev:**                      **Originator:** Cherry Kenney

**Telephone:** 301-883-4177                      **Office:** 3204D

**Title of Change:** Patch\_6A05\_TOOLKIT for All DAACs only. Contains fix for NCR33344 - TOOLKIT: SSIT is getting an error

## ACTIONS:

### DAAC Install Instructions

1. UNTAR the file and copy to the designated staging area.

\_\_\_ a) Change to the platform staging directory:

```
cd /<distribution_directory>/<staging_directory>/TOOLKIT
```

\_\_\_ b) Execute the setup script (change the permissions on the script to 755 if necessary):

```
./<drop_name>_Setup.ksh
```

\_\_\_ c) At the prompt "Press ^C to Cancel, Any Other Key to Continue:", press any key except ^C.

\_\_\_ d) At the "Continue? (Y/N):" prompt, enter Y

\_\_\_ e) At the "Extract ECS tar packages? (Y/N):" prompt, enter Y

\_\_\_ f) Verify that the staging area location is correct on the line "Install ECS Staging area to:

```
<distribution_directory>/<staging_directory>/TOOLKIT"
```

\_\_\_ g) If correct, enter Y at the prompt "Enter ^C to Cancel, 'N' to change, 'Y' to continue:"

\_\_\_ h) Verify that the following messages are received :

```
Cleaning up ... done.
```

```
Delivery setup is complete, you may now install ECS from staging area.
```

\_\_\_ i) At the prompt "Update ECS Assist Common Files? (Root only)(Y/N)", enter N

2. Use the ECS Assistant SubSystem Manager to perform the installation of the appropriate TOOLKIT package

a. Select Mode to be installed

b. Select TOOLKIT SubSystem to be installed

c. Select EcTk Component

d. Click StageInstall button and enter path to Staging Directory

```
/<distribution_directory>/<stage_directory>/TOOLKIT
```

e. Click Install and Select Staging Area, highlight the .EcTkToolkit.pkg and click ok.

### Special Install Instructions for Running PGEs

HDF5 Functionality has been added to this Toolkit release. The Toolkit, itself, has all the modifications necessary for processing PGEs. However, the modifications below will need to be made to the makefiles for your PGEs to allow the PGEs to build/run. These modifications simply tell the PGE where to find the HDF5 libs and include files. Note: Even if your PGEs do not use HDF5 functionality, these modifications will need to be made.

It will be necessary to add \$(HDF5LIB)/libhdf5.a to the Link Libraries in the PGE's makefile. For example, in the PGE makefile, one would see what is below (an example entry is shown):

# link libraries

```
LIBS = -B static -lPGSTK -lmfhdf -ldf $(HDF5LIB)/libhdf5.a -ljpeg -lz -lm -B dynamic -lCsup
```

Also, add the entry below to the PGE's makefile include path. For example, in the PGE makefile, one would see what is below:

```
INC = [...] -I$(HDF5INC)/include
```

"\$(HDF5LIB)/libhdf5.a" tells the PGEs where to find the HDF5 library files. "-I\$(HDF5INC)/include" tells the PGEs where to find the HDF5 include files.

Notes:

1. These entries must be put before -lz, since hdf5 does not have compression routines and it uses compression routines in hdf4's "z" library.
2. The values for "HDF5LIB" and "HDF5INC" are defined when the Toolkit environment file (such as pgs\_dev\_env.csh) is sourced.

SIT Test Statement

All L the six ASTER 2.6 PGEs (ACT, ACVS, BTS, DST, ETS, PCC) have been command line tested with the new toolkit v5.2.8  
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